

Member Profile Report

Prepared for the Board of Trustees and Employer Representatives



As of June 30, 2023

Director's Note



Scott Simon
Executive Director

This *Member Profile Report* is designed to give the MPERS Board of Trustees and the MoDOT and Patrol human resource representatives an annual snapshot of the membership and information that they may find useful in understanding the retirement system.

The information in the report is based on fiscal year data unless otherwise noted on the page.

The report is designed to provide information on the entire membership and then provide information in greater detail by type of member, and often, by employer. For example, page 3 provides data on actives, retirees, survivors, and vested former members while page 4 provides information on the benefit recipients.

Pages 5 to 12 provide information on our actively employed members.

Pages 13 to 14 provide information on our vested former members by age and years of service by employer.

Page 15 provide information on current age, years of service at retirement, and selected retirement plan for our retirees.

Page 16 provides a history of retirements, retirees that took BackDROP, and the member's status at the time of retirement. We ask readers of this report not to use the information on page 16 to counsel members on retirement elections (i.e., whether or not to take a BackDROP).

Page 17 provides a history of the benefit payment elections our members made at retirement. Again, we caution readers of this report not to use that information to counsel members on retirement elections (i.e., whether to take a 50% or 100% survivor option).

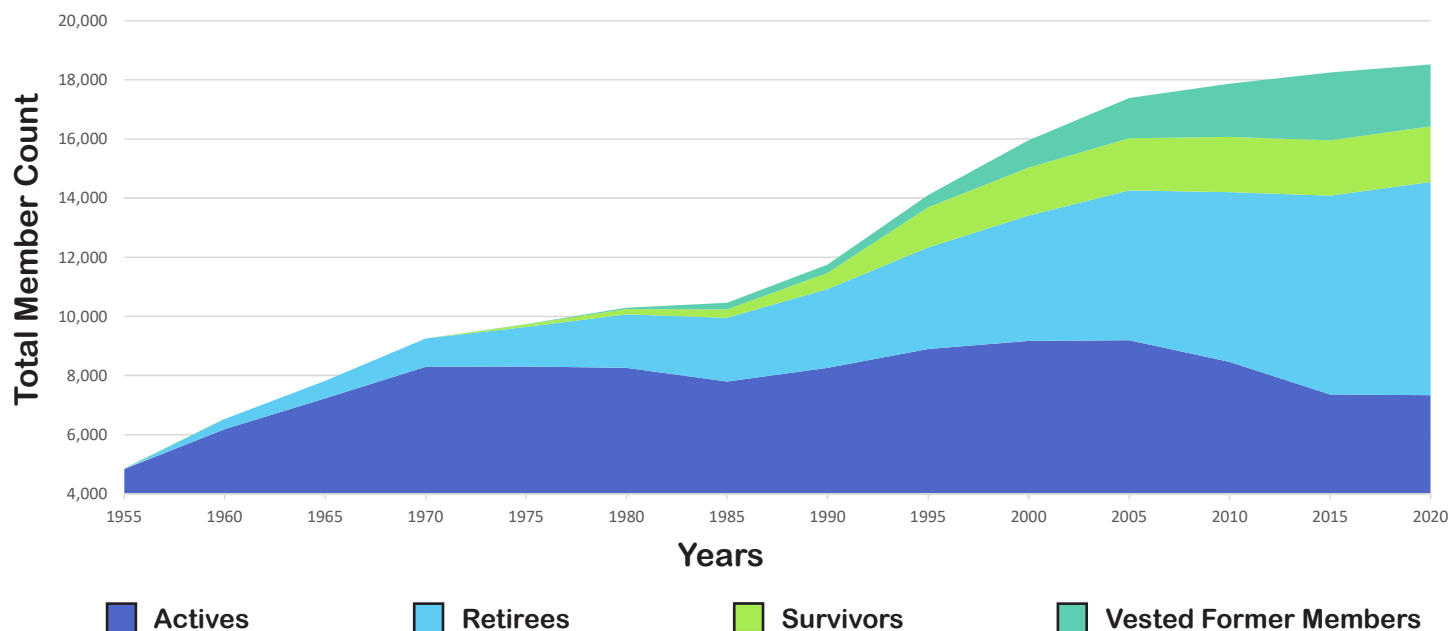
Page 18 provides a running history of average years of service and final average pay for our retirees.

And lastly, pages 19 and 20 provide the locations of our retired members. It is interesting to note that nearly 93% of our retirees continue to live in Missouri supporting their local economies, civic, and social endeavors.

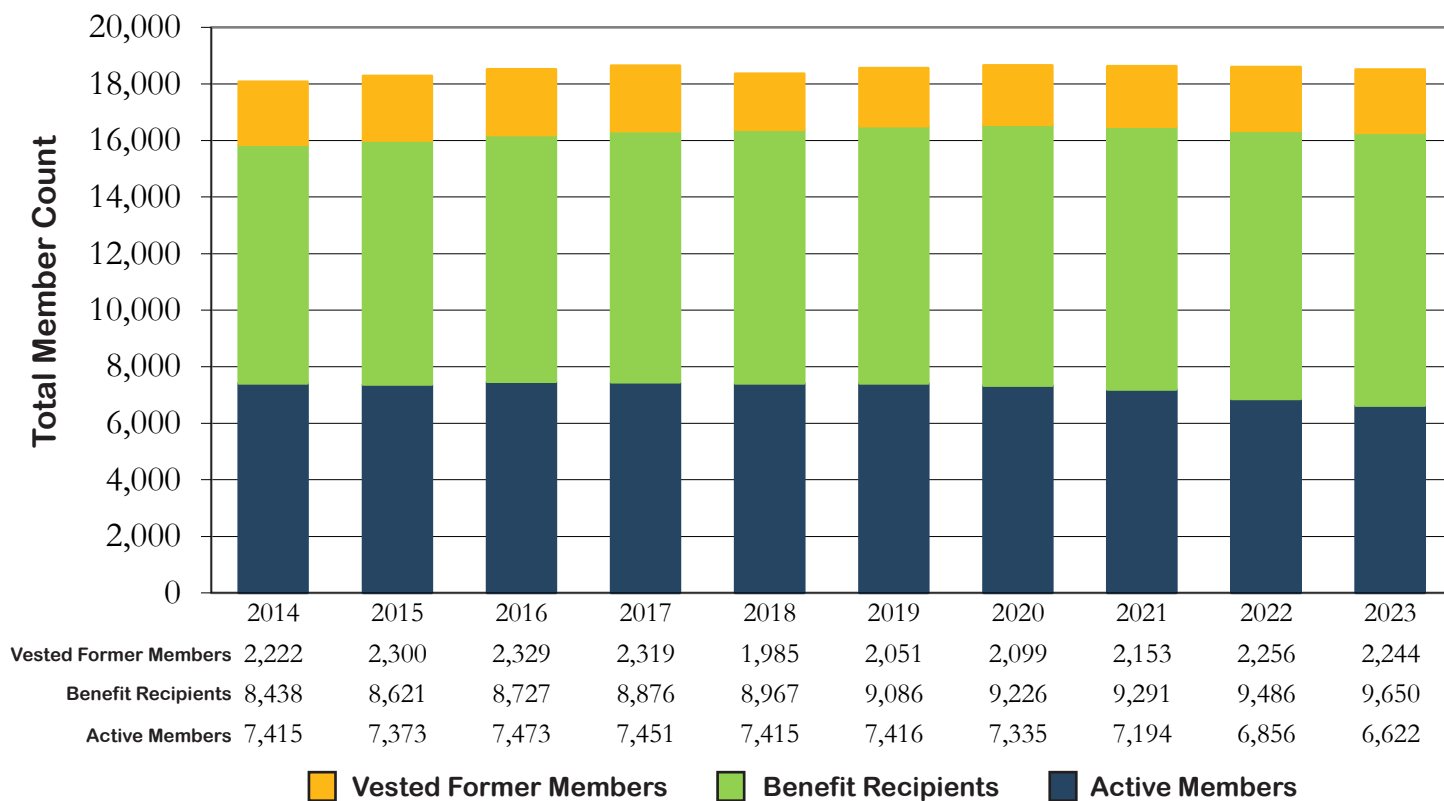
We hope you find the information useful. Should you wish to see different information in future reports, please let us know.

Membership Categories

MPERS Membership Since Inception



Membership Distribution (Last 10 Fiscal Years)

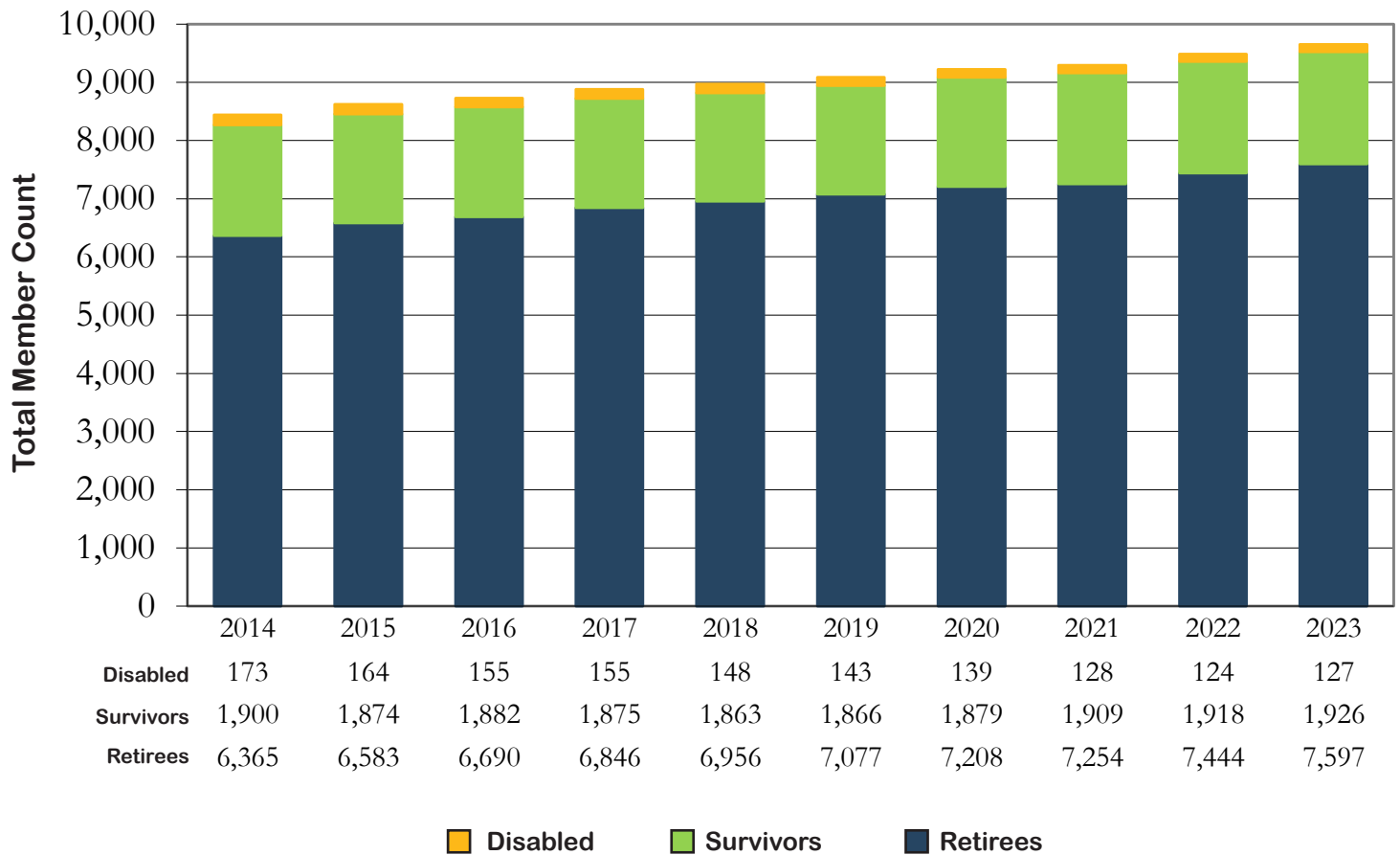


Note: Benefit recipients (9,650) are further detailed on the next page.



Benefit Recipients

Benefit Recipients (Last 10 Fiscal Years)



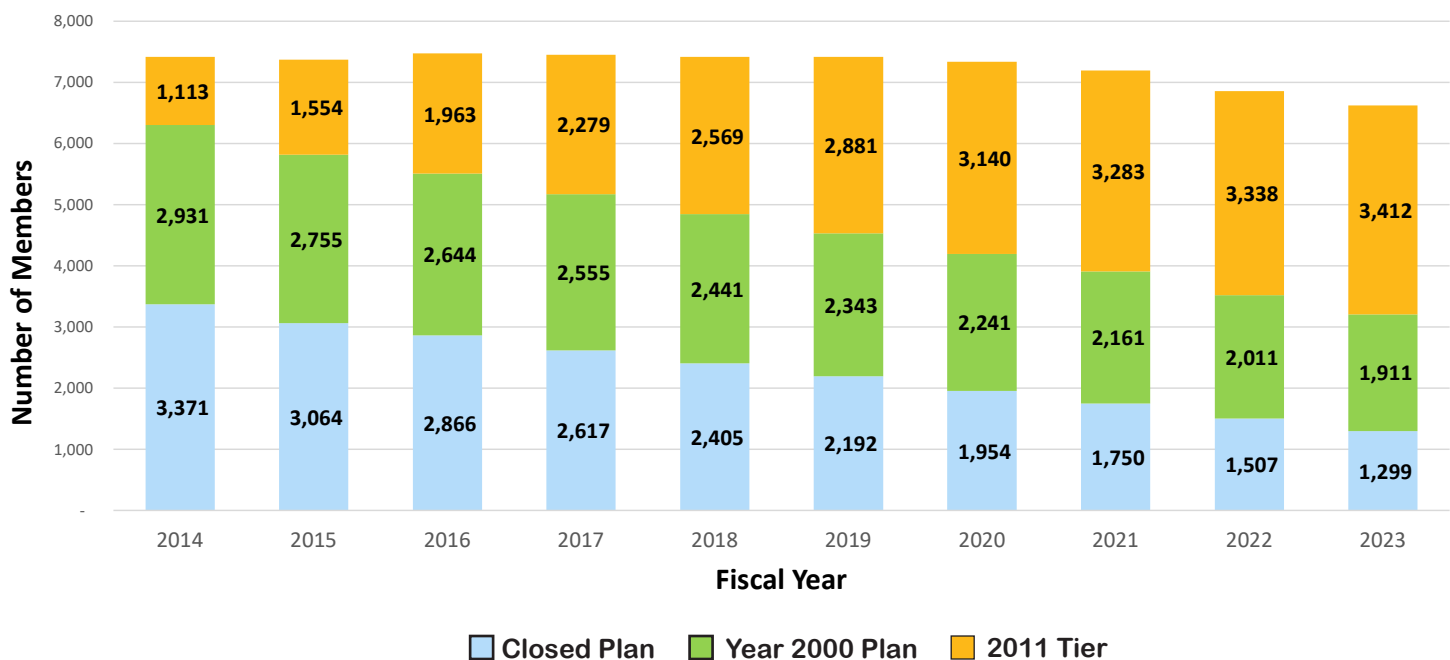
Note: The 2023 total benefit recipient count is 9,650.



MPERS Membership by Plan

Plan	Count	FY 23 Percent of Total	FY 22 Percent of Total	FY 21 Percent of Total
Closed Plan - MoDOT	845			
Closed Plan - Civilian Patrol	158			
Closed Plan - Uniformed Patrol	292			
Closed Plan - MPERS	4			
Subtotal	1,299	20%	22%	24%
Year 2000 Plan - MoDOT	1,251			
Year 2000 Plan - Civilian Patrol	302			
Year 2000 Plan - Uniformed Patrol	349			
Year 2000 Plan - MPERS	9			
Subtotal	1,911	28%	29%	30%
2011 Tier - MoDOT	2,339			
2011 Tier - Civilian Patrol	590			
2011 Tier - Uniformed Patrol	477			
2011 Tier - MPERS	6			
Subtotal	3,412	52%	49%	46%
Grand Total	6,622	100%	100%	100%

MPERS Membership by Plan (Last 10 Fiscal Years)



Active Members Eligible to Retire

Active Members Eligible to Retire

	Total Current Membership		MoDOT Current Membership		Patrol Current Membership		MPERS Current Membership	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
CY 23	893	13.50%	627	14.16%	263	12.14%	3	15.79%
CY 24	1,152	17.41%	795	17.95%	352	16.24%	5	26.32%
CY 28	2,041	30.85%	1,398	31.56%	637	29.40%	6	31.58%
CY 38	3,055	46.18%	2,077	46.90%	968	44.67%	10	52.63%
Current Membership	6,615		4,429		2,167		19	

Note: The data in this chart and on pages 8-13 is based on numbers in our pension administration system as of June 30, 2023. These numbers may vary slightly from fiscal year totals due to lag payroll.

Information in the chart above is based on calendar year (CY), not fiscal year.



Active Member Data

By Age

Age of Member	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
< 21	32	28	4	0	0
21 - 25	377	234	62	80	1
26 - 30	680	403	115	161	1
31 - 35	714	411	115	188	0
36 - 40	761	506	107	145	3
41 - 45	888	582	147	155	4
46 - 50	994	672	131	188	3
51 - 55	1,073	740	159	169	5
56 - 60	697	535	129	32	1
61 - 65	341	273	67	0	1
66+	65	51	14	0	0
Total	6,622	4,435	1,050	1,118	19

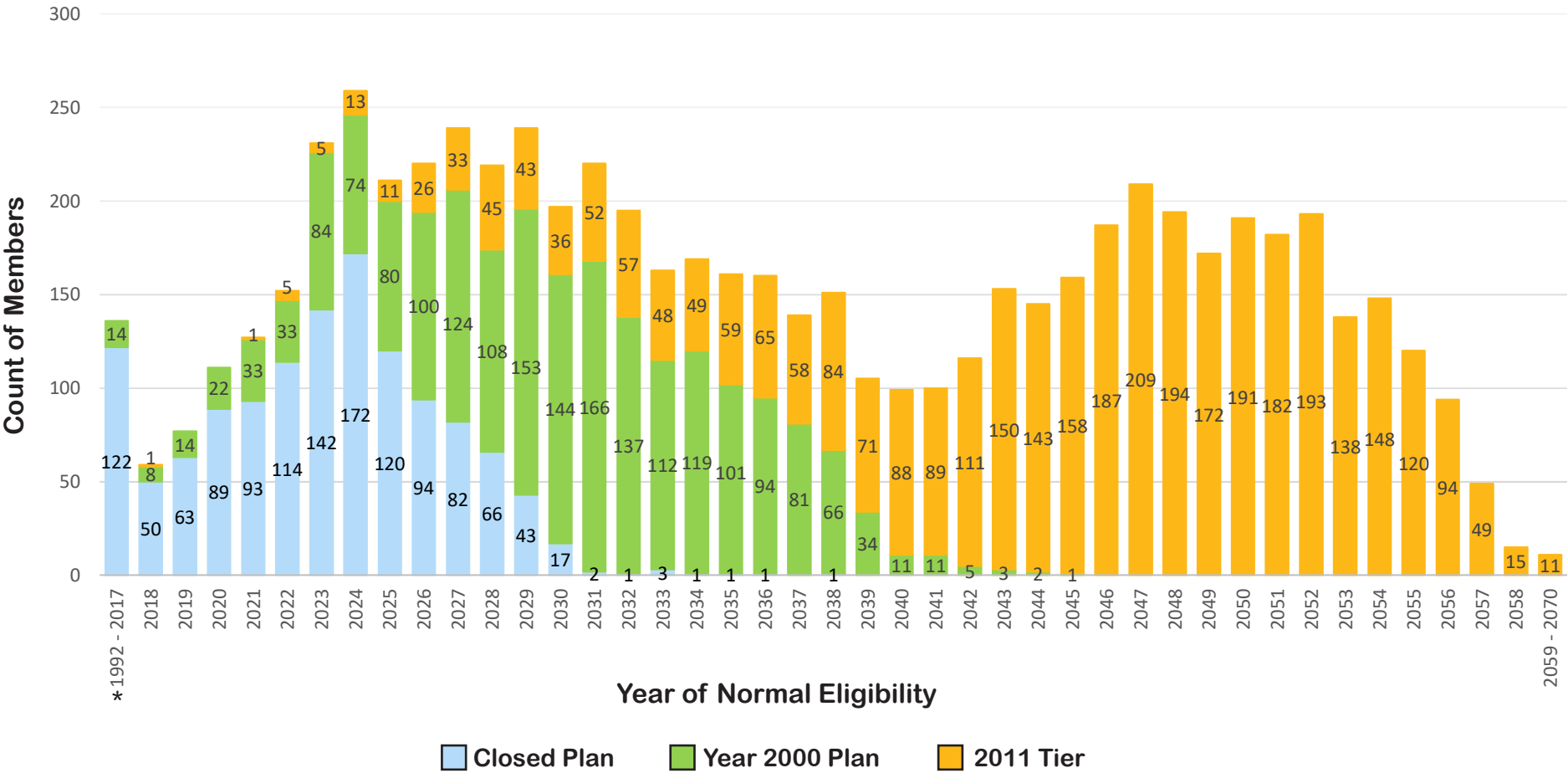
By Years of Service

Years of Service	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
< 01	484	342	103	37	2
01 - 05	1,740	1,261	259	219	1
06 - 10	1,210	815	220	172	3
11 - 15	673	359	138	171	5
16 - 20	911	598	132	178	3
21 - 25	800	568	108	122	2
26 - 30	607	347	64	194	2
31 - 35	151	107	19	24	1
36 - 40	35	29	5	1	0
41 - 45	8	7	1	0	0
46+	3	2	1	0	0
Total	6,622	4,435	1,050	1,118	19



Active Member Data as of June 30, 2023

Count of All Members by Year of Normal Retirement Date

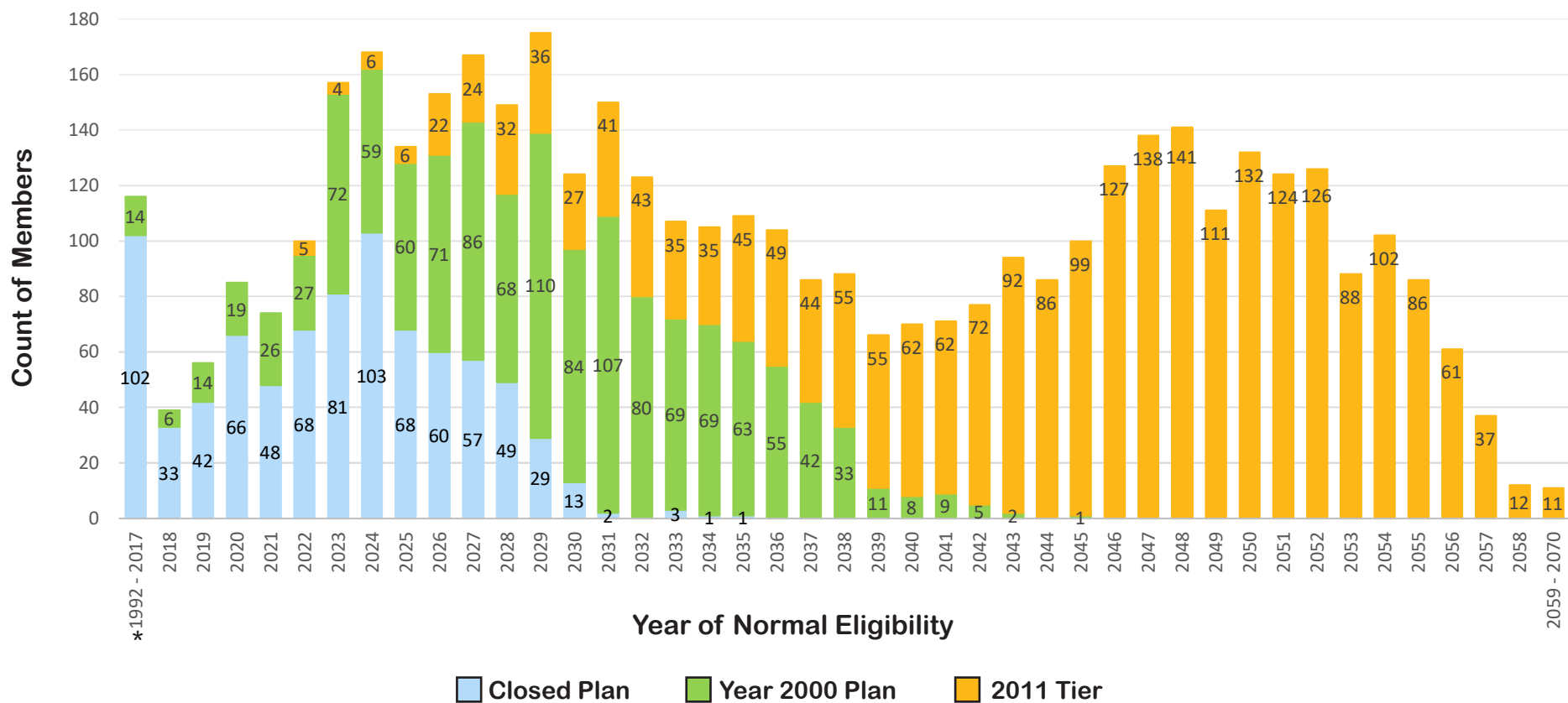


* All members in this group were eligible for the maximum five-year BackDROP by the end of 2022.



Active Member Data as of June 30, 2023

Count of MoDOT Members by Year of Normal Retirement Date

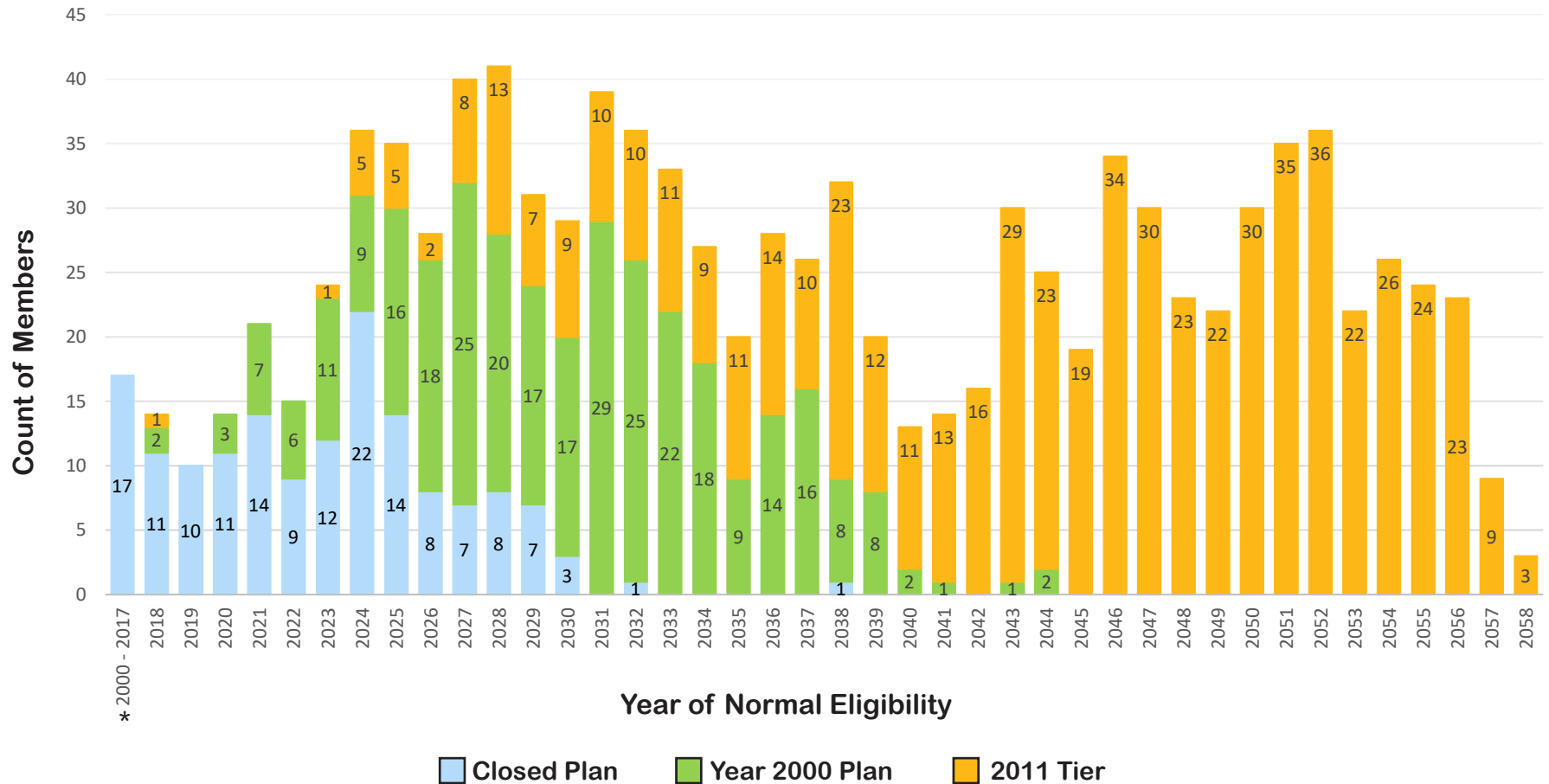


* All members in this group were eligible for the maximum five-year BackDROP by the end of 2022.



Active Member Data as of June 30, 2023

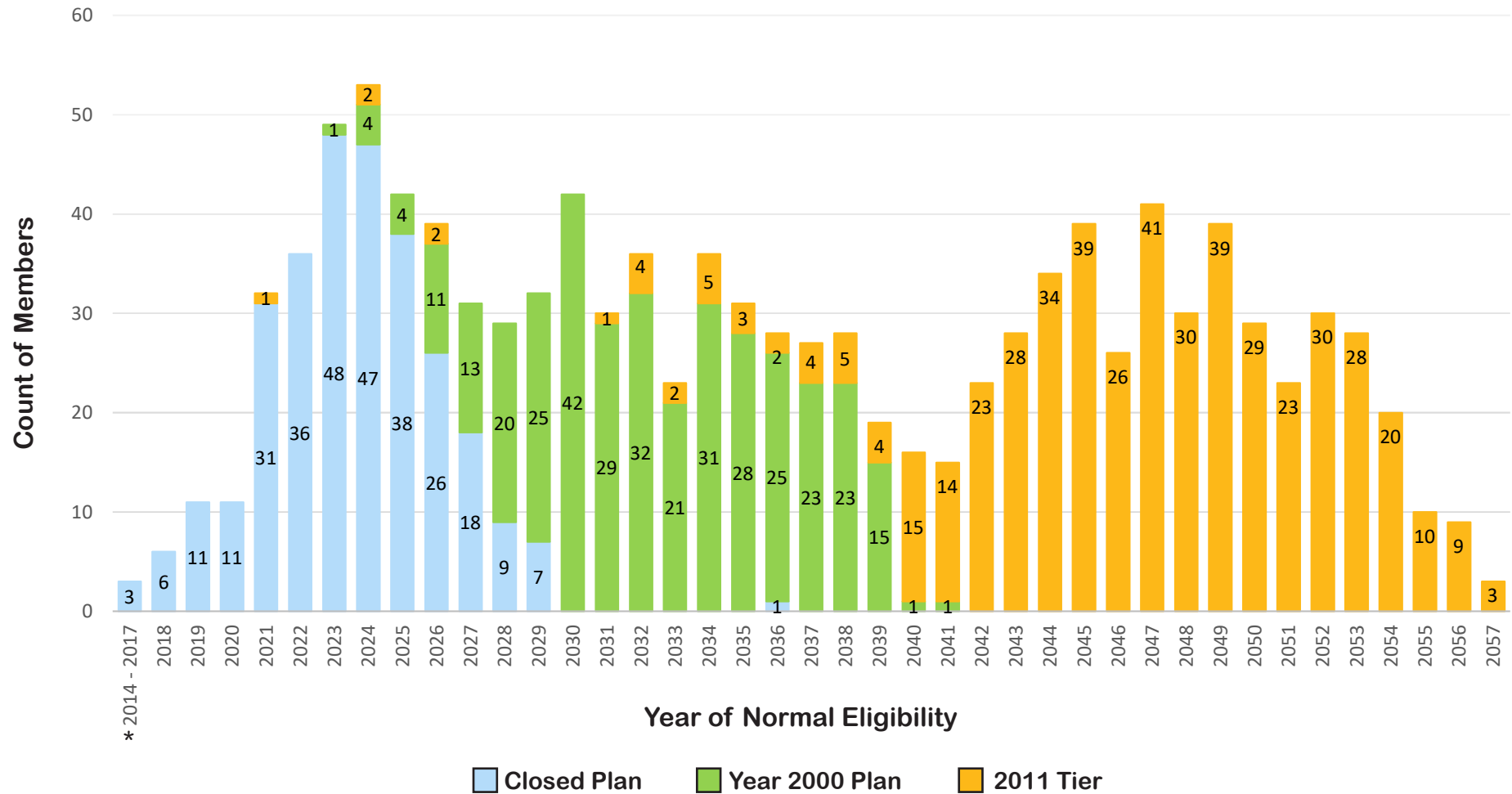
Count of Civilian Patrol Members by Year of Normal Retirement Date



* All members in this group were eligible for the maximum five-year BackDROP by the end of 2022.



Count of Uniformed Patrol Members by Year of Normal Retirement Date

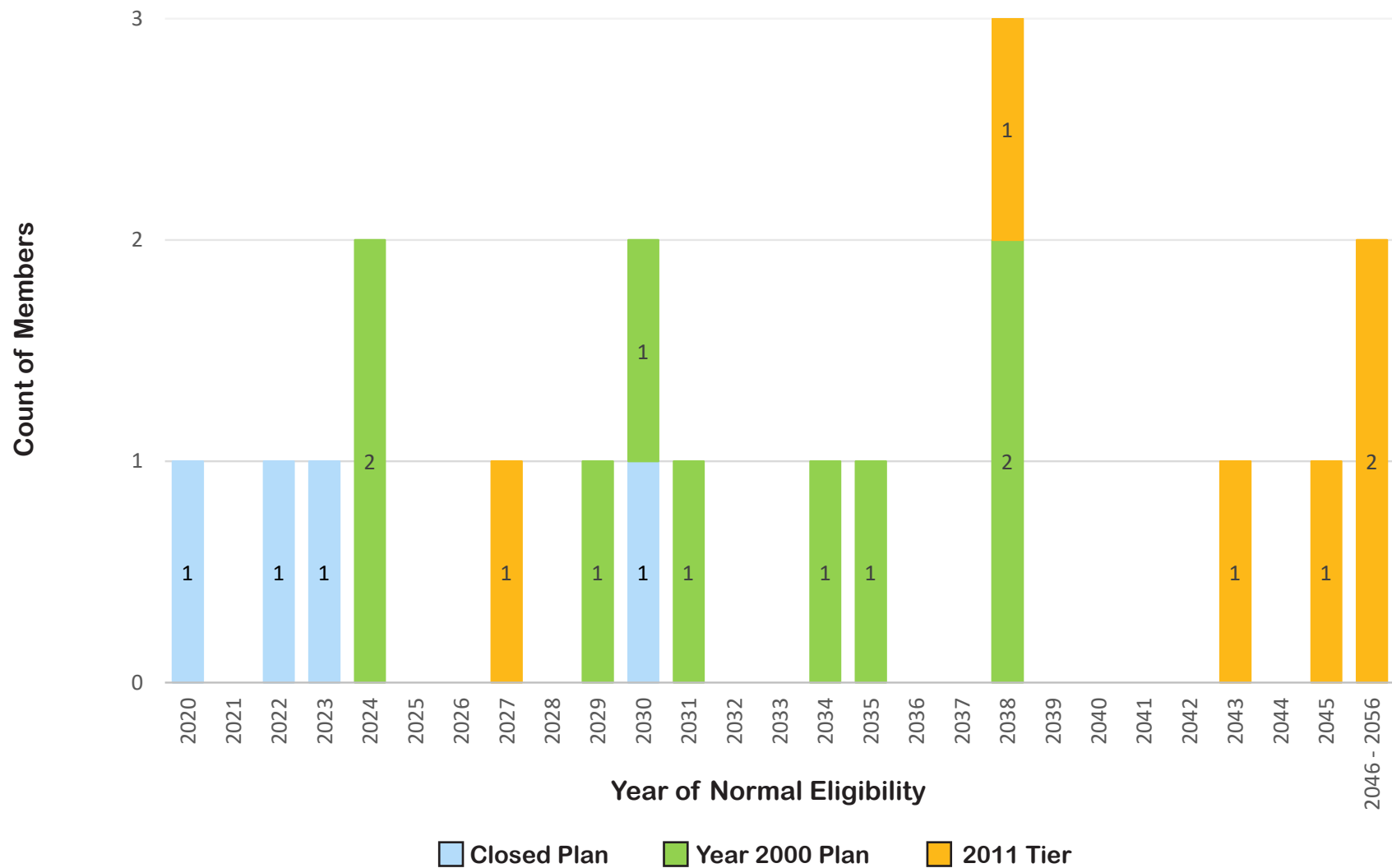


* All members in this group were eligible for the maximum five-year BackDROP by the end of 2022.

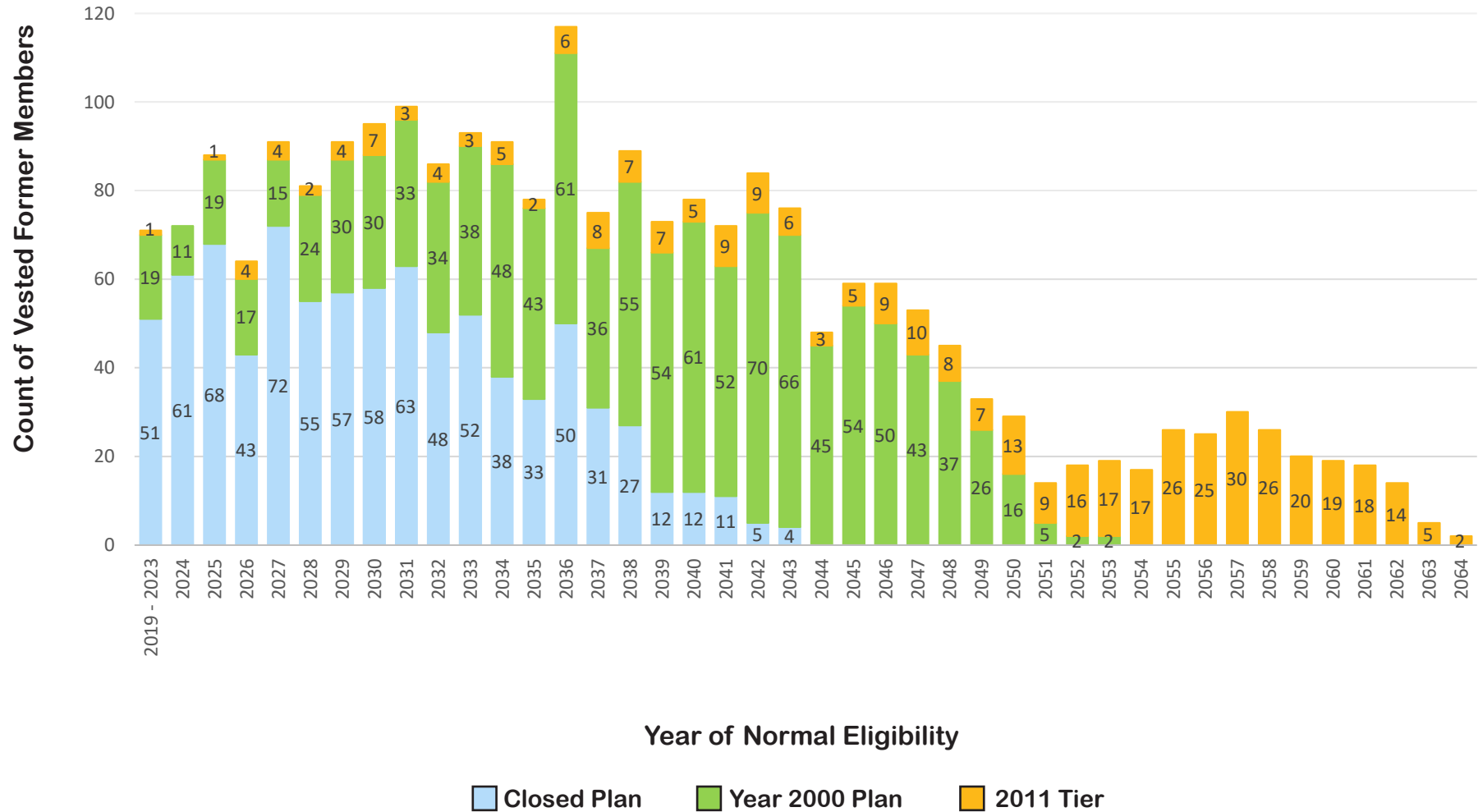


Active Member Data as of June 30, 2023

Count of MPERS Members by Year of Normal Retirement Date



Count of Vested Former Members by Year of Normal Retirement Date



Vested Former Member Data

By Age

Age of Member	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
< 21	0	0	0	0	0
21 - 25	0	0	0	0	0
26 - 30	64	53	6	5	0
31 - 35	143	94	22	26	1
36 - 40	275	203	40	32	0
41 - 45	367	290	53	24	0
46 - 50	470	391	46	32	1
51 - 55	515	396	56	63	0
56 - 60	318	279	38	1	0
61 - 65	90	78	12	0	0
66+	2	2	0	0	0
Total	2,244	1,786	273	183	2

By Years of Service

Years of Service	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
05	362	280	52	30	0
06 - 10	1,110	872	133	103	2
11 - 15	504	404	66	34	0
16 - 20	203	176	17	10	0
21 - 25	58	47	5	6	0
26 - 30	7	7	0	0	0
31+	0	0	0	0	0
Total	2,244	1,786	273	183	2



Retiree Member Data

Current Age of All Retirees

Age of Member	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
48 - 49	0	0	0	0	0
50 - 54	144	94	10	40	0
55 - 59	689	436	70	181	2
60 - 64	1,441	1,091	182	168	0
65 - 69	1,593	1,228	221	139	5
70 - 74	1,384	1,011	239	132	2
75 - 79	1,086	790	171	123	2
80 - 84	666	505	75	86	0
85 - 89	407	318	41	48	0
90 - 94	150	112	29	9	0
95 - 99	33	25	3	5	0
100 +	4	4	0	0	0
Total	7,597	5,614	1,041	931	11

Total Years of Service for All Retirees

Years of Service	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
01 - 05	151	116	28	7	0
06 - 10	575	433	103	39	0
11 - 15	680	515	133	32	0
16 - 20	718	583	114	20	1
21 - 25	1,161	940	173	47	1
26 - 30	2,247	1,581	251	413	2
31 - 35	1,334	867	171	290	6
36 - 40	555	420	55	80	0
41 - 45	161	145	12	3	1
46 - 50	15	14	1	0	0
Total	7,597	5,614	1,041	931	11

Retirees by Retirement Plan

Retirement Plan	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
Closed Plan	3,216	1,910	379	924	3
Year 2000 Plan	4,337	3,674	648	7	8
2011 Tier	44	30	14	0	0
Total	7,597	5,614	1,041	931	11



Retiree and BackDROP Data

	FY 23		FY 22		FY 21		FY 20		FY 19	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
Retiring Member Data										
Total members retiring (from active status, disabled, vested former members)	391	44%	431	47%	335	37%	339	38%	307	36%
Monthly average of members eligible to retire that year	893		917		912		883		854	

	FY 23		FY 22		FY 21		FY 20		FY 19	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
BackDROP Data										
Retirees who elected BackDROP	128	91%	170	91%	112	86%	140	93%	128	94%
Retirees eligible to elect BackDROP	140		187		130		150		136	
Retirees who elected cash BackDROP payment (includes installments)	22	17%	23	13%	10	9%	20	14%	13	9%
Retirees who elected a combination (cash/rollover) BackDROP payment	16	13%	20	12%	17	15%	22	16%	18	19%
Retirees who elected a rollover BackDROP payment	<u>90</u>	70%	<u>127</u>	75%	<u>85</u>	76%	<u>98</u>	70%	<u>97</u>	72%
Total BackDROP payments	<u>128</u>		<u>170</u>		<u>112</u>		<u>140</u>		<u>128</u>	

Member Status at Retirement

Fiscal Year	MoDOT			Patrol			MPERS			Totals				Percents		
	Active	Vested	Disabled	Active	Vested	Disabled	Active	Vested	Disabled	Active	Vested	Disabled	Total	Active	Vested	Disabled
2023	174	87	6	97	24	2	1	0	0	272	111	8	391	70%	28%	2%
2022	222	66	11	110	20	2	0	0	0	332	86	13	431	77%	20%	3%
2021	181	45	10	75	23	1	0	0	0	256	68	11	335	77%	20%	3%
2020	182	58	11	75	11	1	1	0	0	258	69	12	339	76%	20%	4%
2019	160	57	7	71	10	2	0	0	0	231	67	9	307	75%	22%	3%



Retiree Benefit Payment Options Selected

Retiree Benefit Payment Options Selected

Benefit Payment Option Data (a)	FY 23			FY 22			FY 21			FY 20			FY 19		
Retirees Electing:	MoDOT	Patrol	%	MoDOT	Patrol	%	MoDOT	Patrol	%	MoDOT	Patrol	%	MoDOT	Patrol	%
Life Income Annuity	96	32	33%	124	38	38%	91	25	34%	105	25	38%	70	22	30%
50% Joint and Survivor	70	44	29%	66	43	25%	62	31	28%	60	32	27%	65	28	31%
100% Joint and Survivor	91	43	34%	100	49	35%	78	42	36%	73	27	30%	84	30	37%
60 Guaranteed Payments (b)	1	0	1%	0	0	0%	0	0	0%	0	1	0%	0	0	0%
120 Guaranteed Payments	4	4	2%	4	1	1%	4	0	1%	11	1	4%	3	1	1%
180 Guaranteed Payments (c)	5	0	1%	5	1	1%	1	1	1%	3	0	1%	2	2	1%
Subtotals	267	123		299	132		236	99		252	86		224	83	
Total Retired (d)	391			431			335			339			307		

(a) normal and early retirements combined

(b) option in Closed Plan only

(c) option in Year 2000 Plan only

(d) 1 MPERS employee retired in FY 20 and FY 23, otherwise all data is for MoDOT or Patrol employees

Detailed Retiree Benefit Payment Options Selected for FY 23

Benefit Payment Option Data Retirees Electing:	MoDOT			Civilian Patrol			Uniformed Patrol		
	Closed (a)	Year 2000 (b)	2011 Tier (c)	Closed (d)	Year 2000 (e)	2011 Tier (f)	Closed (g)	Year 2000 (h)	2011 Tier (i)
Life Income Annuity	8	85	3	4	12	4	12	0	0
50% Joint and Survivor	32	37	1	4	6	0	33	1	0
100% Joint and Survivor	25	66	0	3	12	1	26	1	0
60 Guaranteed Payments	1	n/a	n/a	0	n/a	n/a	0	n/a	n/a
120 Guaranteed Payments	1	3	0	0	2	0	2	0	0
180 Guaranteed Payments	n/a	5	0	n/a	0	0	n/a	0	0
Subtotals	67	196	4	11	32	5	73	2	0
Total Retired (j)		267			48			75	

(a) 5 early retirements

(b) 20 early retirements

(c) 4 early retirements

(d) 1 early retirement

(e) 5 early retirements

(f) 2 early retirements

(g) 0 early retirements

(h) 0 early retirements

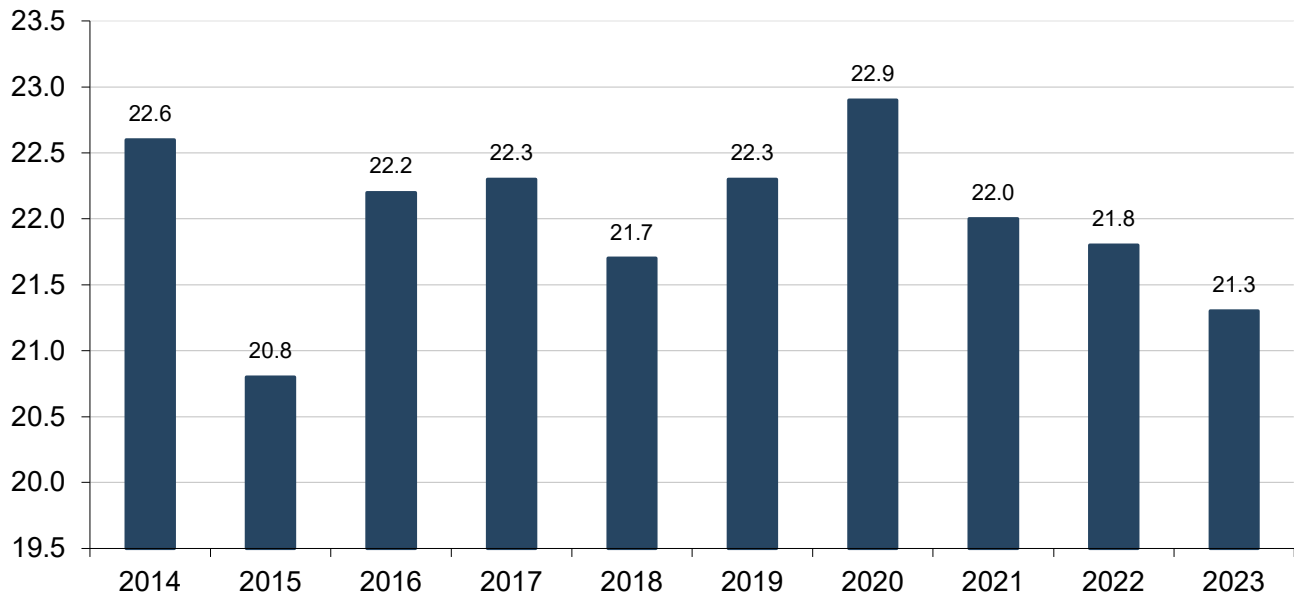
(i) 0 early retirements

(j) Not included in totals - 1 MPERS employee retired in FY 23 under the Year 2000 Plan with the 100% Joint and Survivor option

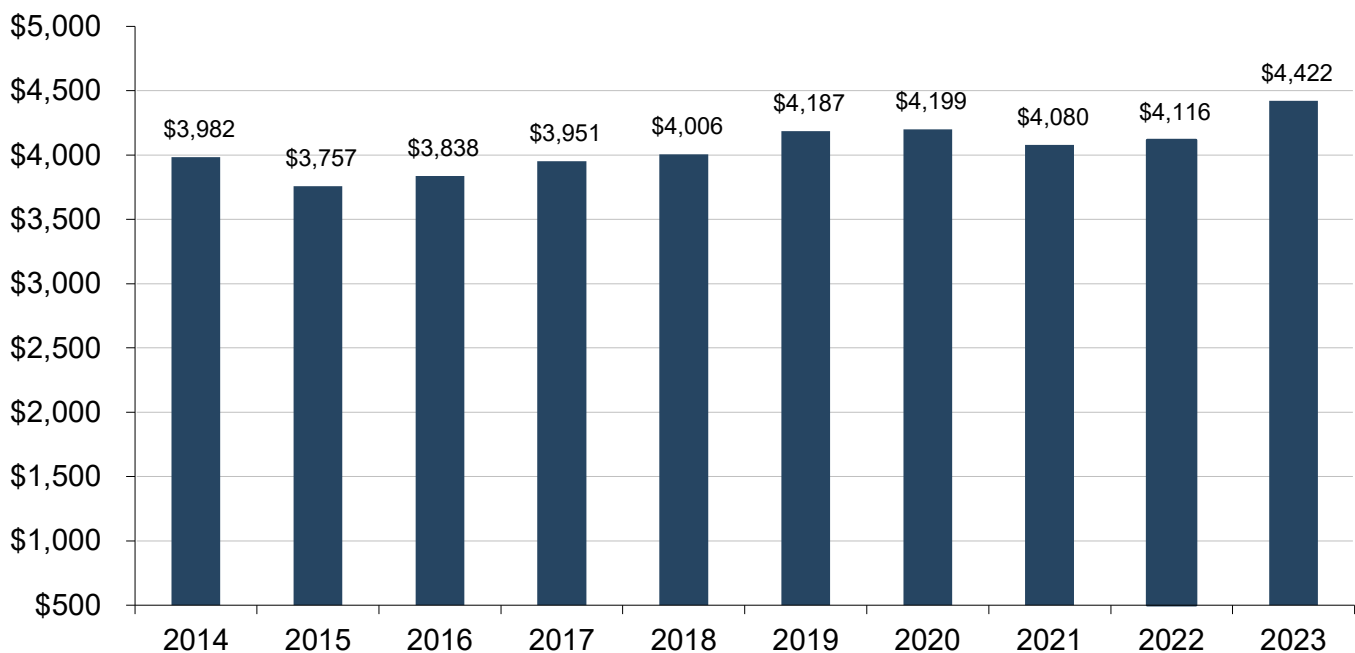


Service and Final Average Pay for New Retirees

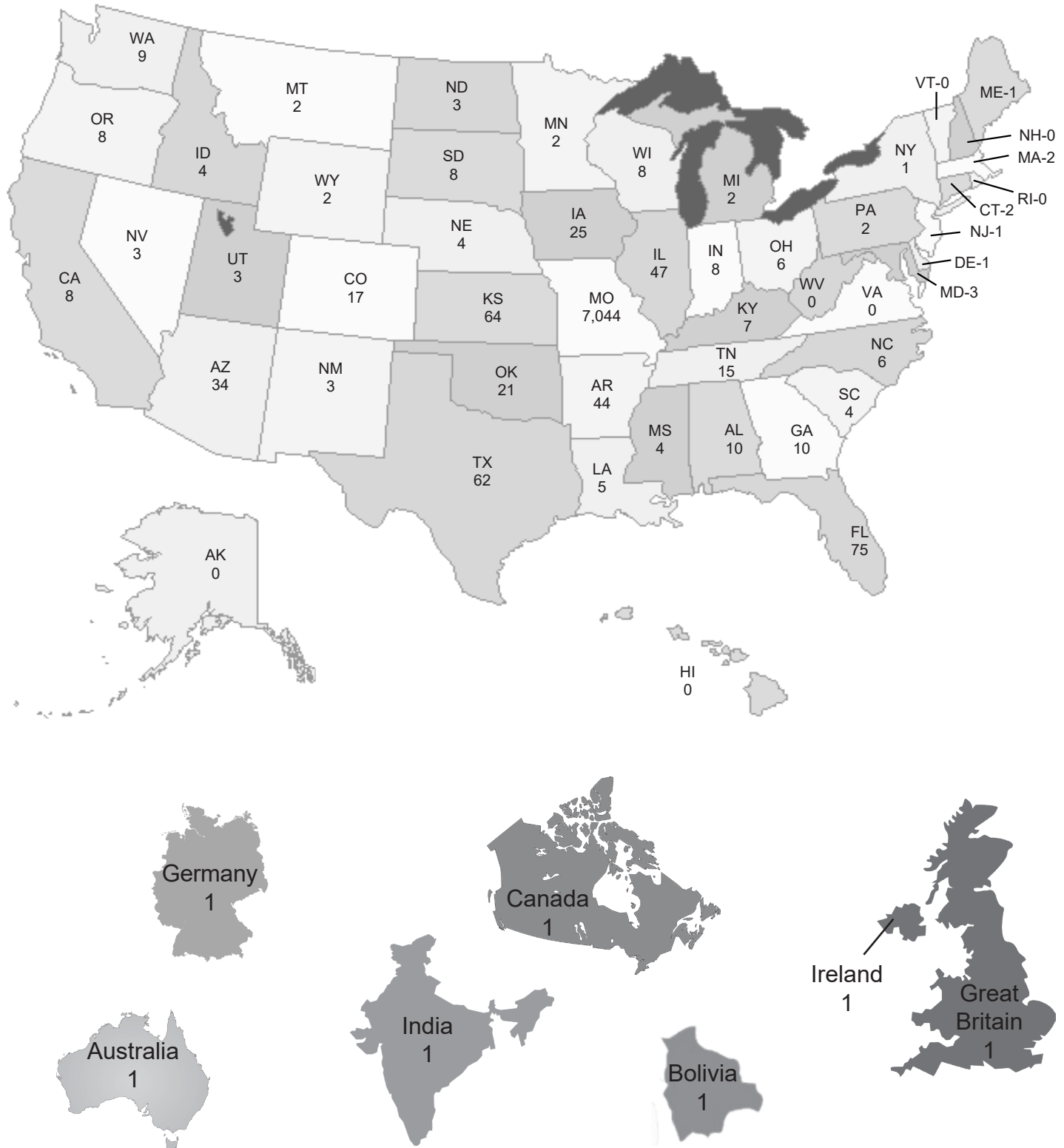
Average Years of Service for New Retirees by Fiscal Year



Final Average Pay for New Retirees by Fiscal Year



Location of Our 7,597 Retirees - by State & Country



Economic Impact of MPERS Benefits to Missouri

\$265,432,404 Annual Benefits Paid to Missouri Residents

